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Dated: November 18, 2003 Signature:

Staci Harris
(Staci Harris)

Docket No.: HO-P02894US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Per Andersson

Application No.: Not Yet Assigned

Confirmation No.:

Filed: Concurrently Herewith

Art Unit: N/A

For: MICROFLUIDIC DEVICE

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith. Applicants respectfully submit the enclosed Information Disclosure Statement in compliance with their duty of disclosure. The Information Disclosure Statement contains all references which have been cited in all priority applications. In addition, the following new references are being submitted WO9853311 and WO0187486.

A copy of each foreign patent and non patent reference on PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an


admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under Order No. HO-P02894US0. A duplicate copy of this paper is enclosed.

Dated: November 18, 2003

Respectfully submitted,

By 

David L. Fox

Registration No.: 40,612

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Per Andersson
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	HO-P02894US0

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4018652	04-19-1977	Lanham et al.	
	AB	US-4077845	03-07-1978	Johnson	
	AC	US-4279862	07-21-1981	Bretaudiere et al.	
	AD	US-4318994	03-09-1982	Meyer et al.	
	AE	US-4676274	06-30-1987	Brown	
	AF	US-4762683	08-09-1988	Romanauskas	
	AG	US-4879458	11-07-1989	Brunfeldt et al	
	AH	US-4917865	04-17-1990	Romanauskas	
	AI	US-5115131	05-19-1992	Jorgenson et al.	
	AJ	US-5122284	06-16-1992	Braynin et al.	
	AK	US-5197185	03-30-1993	McCoy et al.	
	AL	US-5310523	05-10-1994	Smethers et al.	
	AM	US-5587128	12-24-1996	Wilding et al.	
	AN	US-5593838	01-14-1997	Zanzucchi et al.	
	AO	US-5635358	06-03-1997	Wilding et al.	
	AP	US-5637469	06-10-1997	Wilding et al.	
	AQ	US-5653939	08-05-1997	Hollis et al.	
	AR	US-5698162	12-16-1997	Belly et al.	
	AS	US-5705813	01-06-1998	Apffel et al.	
	AT	US-5716825	02-10-1998	Hancock et al.	
	AU	US-5798215	08-25-1998	Cathey et al.	
	AV	US-5866345	02-02-1999	Wilding et al	
	AW	US-5869830	02-09-1999	Franzen et al.	
	AX	US-5872010	02-16-1999	Karger et al.	
	AY	US-5969353	10-19-1999	Hsieh	
	AZ	US-5992820	11-30-1999	Fare et al.	
	AA1	US-6063589	05-16-2000	Kellog et al.	
	AB1	US-6074827	06-13-2000	Nelson et al.	
	AC1	US-6110343	06-29-2000	Ramsey et al.	
	AD1	US-6113768	09-05-2000	Fuhr et al.	
	AE1	US-6191418-B1	02-20-2001	Hindsgaul et al.	
	AF1	US-6143247	11-07-2000	Sheppard et al.	
	AG1	US-6143248	11-07-2000	Kellogg et al.	
	AH1	US-6271040-B1	08-07-2001	Bucchler	
	AI1	US-6302134-B1	10-16-2001	Kellogg et al.	
	AJ1	US-6319468-B1	11-20-2001	Sheppard, Jr. et al.	
	AK1	US-6319469-B1	11-20-2001	Mian et al.	
	AL1	US-6326083-B1	12-04-2001	Yang et al.	
	AM1	US-6459080-B1	10-01-2002	Yin et al.	
	AN1	US-6130098	10-10-2000	Handique et al.	
	AO1	US-20020150512-A1	10-17-2002	Kellogg et al.	
	AP1	US-6117396	09-12-2000	Demers	
	AQ1	US-6481453	11-19-2002	O'Connor et al	

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Sheet	2	of	3	Attorney Docket Number	HO-P02894US0

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	WO-9322053-A1	11-11-1993	Trustees of the University of Pennsylvania		
	BB	WO-9322054-A1	11-11-1993	Trustees of the University of Pennsylvania		
	BC	WO-9322055-A2	11-11-1993	Trustees of the University of Pennsylvania		
	BD	WO-9322058-A1	11-11-1993	Trustees of the University of Pennsylvania		
	BE	WO-9606354-A1	02-29-1996	Biocircuits Corp.		
	BF	WO-9614933-A1	05-23-1996	Trustees of the University of Pennsylvania		
	BG	WO-9615450-A1	05-23-1996	David Sarnoff Research Center, Inc.		
	BH	WO-9704297-A1	02-06-1997	Northeastern University		
	BI	WO-9721090-A1	06-12-1997	Gamera Bioscience		
	BJ	WO-9745730-A1	12-04-1997	Biodx		
	BK	WO-9807019-A1	02-19-1998	Gamera Bioscience Corp.		
	BL	WO-9815356-A1	04-16-1998	Molecular Drives Limited		
	BM	WO-9822625-A1	05-28-1998	The Regent of the University of Michigan		
	BN	WO-9838510-A2	09-03-1998	Burstein Laboratories		
	BO	WO-9839645-A1	09-11-1998	Beckman Instruments		
	BP	WO-0040750-A1	07-13-2000	Amersham Pharmacia Biotech		
	BQ	WO-0147637-A1	07-05-2001	Gyros AB		
	BR	WO-0154810-A1	08-02-2001	Gyros AB		
	BS	WO-0163241-A2	08-30-2001	ZY-OMYX		
	BT	EP-0073513-A1	03-09-1983	Boehringer Mannheim GMBH		
	BU	EP-0073513 B1-B1	07-24-1985	Boehringer Mannheim GMBH		
	BV	EP-0073513 B2-B2	02-05-1992	Boehringer Mannheim GMBH		
	BW	EP-0282840-A2	09-21-1988	Becton Dickinson and Company		
	BX	EP-0241140-B1	10-14-1987	BioCarb AB		
	BY	EP-0745856-A2	12-04-1996	bioMerieux Vittek, Inc.		
	BZ	EP-0977032-A1	02-02-2000	Kyoto Dalichi Kagaku, Co.		
	BA1	WO 98/53311	11-26-1998	Gamera Bioscience Corp.		
	BB1	WO-0187486	11-22-2001	Tecan Boston		
	BC1	WO-9917093	04-08-1999	The Regents of the University of Michigan		
	BD1	WO-0146465	06-28-2001	Gyros AB		
	BE1	WO-02074438	09-26-2002	Gyros AB		
	BF1	WO--03018198	03-06-2003	Gyros AB		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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Sheet	3	of	3	Attorney Docket Number	HO-P02894US0

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Ahn et al., "A Fully Intergrated Micromachined Magnetic Particle Manipulator and Separator," Microelectronics Research center, School of Electrical and Computer Engineering: Georgia Institute of technology, Atlanta, GA; pp. 91-96.	
	CB	Zhang et al, "Microfabricated Devices for Capillary Electrophoresis - Electrospray Mass Spectrometry," Analytical Chemistry, Vol. 71, No. 15, August 1, 1999, pp. 3258-3264.	
	CC	Kido et al., "Disc-based Immunoassay Microrrays," Analytica Chimica Acta, Elsevier Science B.V., 2000, pp. 1 - 11	
	CD	Handique et al, "Microfluidic Flow Control Using Selective Hydrophobic Patterning," SPIE Vol. 3224, 1992, pp. 185-195.	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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